

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO. 1293.1073C3

Sheet 1 of 1 APPLICATION NO.

FIRST NAMED INVENTOR

10/756,421

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Seong-jin MOON et al.

FILING DATE

GROUP ART UNIT

2621

January 14, 2004

U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
1000	AA	5,555,098	09/1996	Parulski			
1900	AB	5,838,967	11/1998	Okayama et al.			
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		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
low	AE	EP 0545446 A1	06/1993	Europe		
	AF	JP 64-048285	02/1989	Japan		Х
	AG	JP 01-204163	08/1989	Japan		Х
	АН	JP 01-263714	10/1989	Japan		х
	Al	JP 06-020443	01/1994	Japan		Х
V	AJ	JP 06-076031	03/1994	Japan		Х
1000	AK	JP 08-036519	02/1996	Japan		Х

OTHER RE	FEREN	ICES (Including Author, Title, Date, Pertinent Pages, Etc.)	TRANSL YES	ATION NO
leves	AL	Office Action issued in Japanese Patent Application No. 2004-134025 on May 9, 2006.		

EXAMINER		DATE CONSIDERED	-
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citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



EXPLANATIONS OF RELEVANCY OF REFERENCES

	ATTACHMENT 1(e)
ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1073C3	10/756,421
FIRST NAMED INVENTOR	
Seong-jin MOON et al.	
FILING DATE	GROUPARTUNIT
January 14, 2004	2621

* Reference AE (EP 0545446 A1) and AA (U.S. 5,555,098) are substantially equivalent to reference AI (JP 06-020443).

* Reference AB (U.S. 5,838,967) is substantially equivalent to reference AJ (JP.06-076031).

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FORM PTO-1449

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Sheet 1 of 1

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January 14, 2004

2621

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
1000	AA	6,009,234	12/1999	Taira et al.			
	AB						
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
100	AG	JP 63-079287	04/1988	Japan		х
1	АН	JP 09-017127	01/1997	Japan		Х
	Al	JP 10-050034	02/1998	Japan		Х
600	AJ	EP 0751515 A2	02/1997	Europe		
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OTHER RE	FERE	NCES (Including Author, Title, Date, Pertinent Pages, Etc.)	TRANSI YES	ATION NO
boo	AM	Office Action issued in Japanese Patent Application No. 11-179073, on February 7, 2006		

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*EXAMINER: Initial if reference	considered, whether or not cit	ation is in conformance with MPEP 609. Draw line through
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EXPLANATIONS OF RELEVANCY OF REFERENCES

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1293.1073C3	10/756,421
FIRST NAMED INVENTOR	
Seong-jin MOON et al.	
FILING DATE	GROUP ART UNIT
January 14, 2004	2621

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Reference AI (JP 10-050034) corresponds to reference AA (U.S. 6,009,234). Reference AJ (EP 0751515 A2) corresponds to reference AH (JP 09-017127).

		ATTACHMENT 1(f)	
	ATTORNEY DOCKET NO.	APPLICATION NO.	
	1293.1073C3	10/756,421	
LIST OF COPENDING APPLICATIONS	Seong-jin MOON et al.		
	FILING DATE	GROUP ART UNIT	
	January 14, 2004	2621	

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should he deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

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U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER INITIAL		U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
600	1	11/281,491	11/18/2005	Seong-Jin MOON et al.	Samsung Electronics Co., Ltd.
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1000	AA	6,778,755 B1	08/17/200	4	Seong-	Jin MOON et	al.						
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Sheet 1 of 1

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

Sheet 1 of 1

APPLICATION NO.

1293.1073C3

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

2645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
lavos	AA	5,838,967	11/1998	Okayama et al.	-		
Copo	AB	5,659,745	08/1997	Inoue			
bei	AC	5,902,115	05/1999	Katayama			
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	AE		1				
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FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
boo	AG	6-76031	03/1994	Japan .		Х
luo	АН	4-188484	07/1992	Japan	-	Х
line	Al	8-339194	12/1996	Japan		Х
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ATTACHMENT 1(e)

ATTORNEY DOCKET NO. APPLICATION NO.

1293.1073C3 10/756,421

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

ATTACHMENT 1(e)

APPLICATION NO.

1293.1073C3 10/756,421

FIRST NAMED INVENTOR

Seong-jin MOON et al.

FILING DATE

January 14, 2004

 $\binom{O}{1}$ U.S. Patent No. 5,838,967 corresponds to Japanese Patent Publication 6-76031.

2) U.S. Patent No. 5,659,745 corresponds to Japanese Patent Publication 4-188484.

3) U.S. Patent No. 5,902,115 corresponds to Japanese Patent Publication 8-339194.



LIST OF COPENDING APPLICATIONS

	ATTACHMENT 1(f)
ATTORNEY DOCKET NO.	APPLICATION NO.
1293.1073C3	10/756,421
PIRST NAMED INVENTOR	
Seong-jin MOON et al.	
FILING DATE	GROUP ART UNIT
January 14, 2004	2015 2621

The following, prior-filed, copending U.S. patent application(s) is/are listed in accordance with the duty of disclosure provisions of 37 CFR § 1.56, so that the Examiner may consider same should be deem any thereof to be material to examination of the subject application. Pursuant to 37 CFR § 1.98(a)(2)(iii), a copy of the identified copending application(s) is provided.

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U.S. PATENT APPLICATION DOCUMENTS

*EXAMINER					
INITIAL	Ш	U.S. SERIAL NO.	FILING DATE	NAME	ASSIGNEE
600	1	10/945,946	09/22/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	2	10/842,690	05/11/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
	3	10/842,440	05/11/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
1	4	10/756,422	01/14/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
1000	5	10/756,423	01/14/2004	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd.
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Sheet 1 of 1 ATTORNEY DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 1293.1073C3 10/756,421 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Seong-jin MOON et al. FILING DATE GROUP ART UNIT (Use several sheets if necessary) 2615 262/ January 14, 2004 **U.S. PATENT DOCUMENTS** *EXAMINER DOCUMENT SUB-**FILING** INITIAL NO. **CLASS** DATE NAME **CLASS** DATE AA AB AC AD ΑE AF FOREIGN PATENT DOCUMENTS DOCUMENT SUB-**TRANSLATION** NO. **CLASS** YES DATE COUNTRY **CLASS** NO AG 753 854 A2 01/15/97 Europe AH 753 854 A3 01/15/97 Europe ΑI 295 148 12/14/88 Europe AJ 730 272 A2 09/04/96 Europe AK 730 272 A3 09/04/96 Europe 737 974 A3 10/16/96 Europe OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) AM AN **EXAMINER** DATE CONSIDERED *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



Sheet 1 of 1 ATTORNEY DOCKET NO. **FORM PTO-1449** U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE 10/756,421 1293.1073C3 FIRST NAMED INVENTOR LIST OF REFERENCES CITED BY APPLICANT Seong-jin MOON et al. GROUP ART UNIT (Use several sheets if necessary) January 14, 2004 2645 **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT SUB-**FILING** INITIAL NO. **CLASS** DATE NAME **CLASS** DATE FOREIGN PATENT DOCUMENTS DOCUMENT SUB-TRANSLATION **CLASS** NO. YES NO DATE COUNTRY **CLASS** AA EP737974A2 10/16/96 N/A Europe an987 Abstract AB CN1177816A 4/1/98 China OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) English Language Chinese Office Action for Chinese Divisional Patent Application No. BA 01122435.5, dated June 11, 2004 (related to the present application) **EXAMINER** DATE CONSIDERED CHRISTOPHER *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through

citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AC	6,088,507	07/2000	YAMAUCHI et al.		386	95		
•	AD	6,148,138	11/2000	SAWABE et al.	 	396-	46		
Coro	AE	6,332,194	12/2001	Bloom, et al.					
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600	AF	EP0965991 A1	12/1999	Europe				-	
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	AH	04-188484	7/1992	Japan				Abst	ract
	Al	10-125046	5/1998	Japan				Abst	ract
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		DOCUMENT NO.	DATE	COUNTR	Υ	CLASS	SUB- CLASS	TRANSL YES	<u>ATION</u> NO		
Sono	ВА	6-314176	11/1994	Japan				Abstract only			
1	ВВ	8-287654	11/1996	Japan	· ·			Abstract only			
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	BD	10-92155	4/1998	Japan				Abstract only			
N. C.	BE	10-143978	5/1998	Japan	-		_	Abstract only			
levo	BF	8-340507	12/1996	Japan				Abstract only			
OTHER RE	FERE	NCES (Including	g Author, T	itle, Date, Pertiner	nt Pages, E	Etc.)		TRANS YES	NO		
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loop	1	09/592,109	June 12, 2000	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd., Suwon-city, Korea
	2	09/592,110	June 12, 2000	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd., Suwon-city, Korea
	3	10/020,979	December 19, 2001	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd., Suwon-city, Korea
000	4	10/137,366	May 3, 2002	Seong-jin MOON, et al.	Samsung Electronics Co., Ltd., Suwon-city, Korea
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